L Number	Hits	Search Text	DB	Time stamp
1	24	5691815.pn. 6141105.pn. 6233049.pn. 6094270.pn. 5969820.pn. 6128585.pn. 4541721.pn. 5852672.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 13:52
2	3	"2002057438"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 13:53
3	3	"2002057438"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 13:54
4	2	"20020057438"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 13:54
5	1914745	code	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 13:55
6	0	"20020057438" and code	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 13:54
7	1	coded and "20020057438"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 14:35
8	12094	(optical topography) same (pattern$4) same (conver$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 14:36
9	838	(contour topography) same (pattern$4) same (conver$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 14:55
10	2634	356/601-622.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 14:36
11	13	((contour topography) same (pattern$4) same (conver$4)) and 356/601-622.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 14:36
12	169	(contour topography) and (pattern$4) and (conver$4) and (separat$4) and 356/601-622.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 14:55
13	91	((contour topography) and (pattern$4) and (conver$4) and (separat$4) and 356/601-622.ccls.) and (illuminat$4) and imaging	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 14:55
14	965	(contour topography) same (pattern$4) same (conver$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 15:00
15	15	((contour topography) same (pattern$4) same (conver$4)) and 356/601-622.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 14:56
16	2	(((contour topography) same (pattern$4) same (conver$4)) and 356/601-622.ccls.) not (((contour topography) same (pattern$4) same (conver$4)) and 356/601-622.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 14:57
17	425765	light near3 source	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 14:57

18	1957122	detector or sensor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 14:59
19	17725	known near3 distance	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 14:58
20	142833	(light near3 source) and (detector or sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 14:58
21	1173	detector same (known near3 distance)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 15:00
22	114	(light near3 source) same (detector same (known near3 distance))'	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 15:00
23	23303	topography	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 15:00
24	4	((light near3 source) same (detector same (known near3 distance))) and topography	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 15:00

US-PAT-NO: 6205243

DOCUMENT-IDENTIFIER: US 6205243 B1

TITLE: System and method for rapid shape digitizing and adaptive mesh generation

---------- KWIC ---------

Brief Summary Text - BSTX (4):

Speed, accuracy, and portability have been recurrent and difficult to achieve goals for devices that scan, measure or otherwise collect data about 3D objects for purposes such as reproduction. With the advent of computers, such devices have useful application in many fields, such as digital imaging, computer animation, topography, reconstructive and plastic surgery, dentistry, architecture, industrial design, anthropology, biology, internal medicine, milling and object production, and other fields. These computer-aided systems obtain information about an object and then transform the shape, contour, color, and other information to a useful, digitized form.

Claims Text - CLTX (82):

(a) projecting a stripe of light onto said object to create a first luminous contour line at an intersection of said stripe of light and said object, the light-source unit being arranged in relation to said image detector at a known distance along a line extending between said light-source unit and said image detector, with the light-source unit protecting the stripe of light in each position following a line that is associated with an angle, the associated angle being determinable from the relationship between the

line of focus and
the line extending between said light-source unit and said image detector, with
the positioning of the said stripe of light at the first location with an
associated angle for that s position;